

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 21-Nov-14

Time 6:16 AM

**Daily Diary Report by Bid Item**

Contract No.: 04-0120F4

Diary #: 022 Const Calendar Day: 521 Date: 11-Feb-2011 Friday

Inspector Name: Wright, Doug Title: Transportation Engineer

Inspection Type: Continuous

Shift Hours: 07:00 AM 05:30 PM Break: 00:30 Over Time: 02:00

Federal ID:

Location:

Reviewer: Soheilifard, Saman Approved Date: 10-Mar-11 Status: Approved

**04-0120F4  
04-SF-80-13.2/13.9  
Self-Anchored  
Suspension Bridge****Weather**

Temperature 7 AM 12 PM 4PM

Precipitation Condition

Working Day ☒ If no, explain:**Diary:**

Dispute

**Tower Bolting**

Strut bolting at Elevation 65m:

Tensioning of 30mm A490M strut bolts at Elevation 65m continued today at the following locations:

- The strut side of A-East-Inner top & bottom flanges
- The strut side of A-East-Outer top & bottom flanges
- Inside the East shaft, the top & bottom flanges for struts A-East-Inner & A-East-Outer

On the top flange of strut A-East-Outer adjacent to the East shaft, there was an interference between a splice plate and the web-to-flange weld. A 5mm thick shim was added today. This shifted the splice plate enough so that there was no longer any inference.

The informal torque verification that was being performed the past couple of days did not continue today. The crew focused more on production of tensioning bolts.

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**Splice #1:**

Snug tightening and tensioning of 27mm A490M strut bolts continued at Splice #1, South shaft, Skin plates. Sami Daouk was covering this operation. See his diary for a list of labor and more details.

Conversation: ABF Engineer Paul Fikse spoke with me about an interference between 3 longitudinal stiffener splice plates (B3, E1, & E3) and the nuts of skin bolts. I went to look at them, and it appears that the splice plates may have been installed incorrectly in China. The stiffener plates are pushed toward the skins as far as possible, and hard up against the skin plate nuts (see attached photo). Even shifted this far toward the skin, they still need to shift about another 5-7mm for the bolt holes to align. I spoke with Paul again, and told him that I thought the splice plates may have been installed upside down and flipped.

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**Elevation 33m:**

ABF crew continued moving into Elevation 33m today to get ready for strut bolting. However, there is no working platform at this elevation so they spent the shift working to extend the scaffold from the T1 footing to get better access.

Kegs of bolts for the strut bolting at 33m are already staged in place. The following RoCap set numbers are in place for the strut bolting:

- DH4GM300007 - 140mm in length
- DH4GM300008 - 200mm in length
- DH4GM300012 - 230mm in length



## Daily Diary Report by Bid Item

**Job Name:** 04-0120F4    **Inspector Name:** Wright, Doug    **Diary #:** 022    **Date:** 11-Feb-2011    **Friday**

- DH4GM300014 - 230mm in length
- DH4GM300019 - 220mm in length

This is probably not a full list of all of the RoCap sets for this elevation since I did not have time to check for bolts stored inside of each shaft.

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Façade bolting at Elevation 43m:

ABF crew started pinning and installing façade bolts at Elevation 43m.

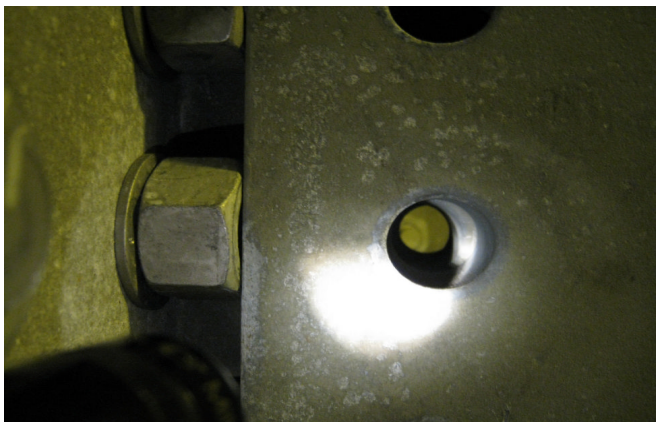
**04-0120F4    Bid Item: 053    T-L02-STW.053    Tower Lift 02 Strut West Erect structural steel (bridge tower)**

AMERICAN BRIDGE/FLUOR, A JV

### Labor

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
<b>Contractor:</b> AMERICAN BRIDGE/FLUOR, A JV								
Ironworker	APP	Lorenzo Padilla	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	APP	PABLO RAMIREZ	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	JNM	CARLOS BUSTAMANTE	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	APP	RYAN NASH	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	FOR	OBRA PAULK	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	JNM	DUSTIN CLAYBORN	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	JNM	BARRY ROTHMAN	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	JNM	John Chapman	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	APP	Wu	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	APP	Tan	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	JNM	Matthew Greer	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	FOR	KEVIN KARBER	8.00	0.00	0.00	8.00		<input type="checkbox"/>

### Attachment



Splice # 1, South shaft, Interference between skin bolts and longitudinal stiffener splice plate